

IN THE ABSTRACT

Please replace the originally-submitted Abstract with the following new Abstract:

--[0212] A wireless communication system is provided. The system includes a transmitter and a receiver that includes first and second antennas configured to receive signals transmitted by the transmitter. The receiver also includes a delay block coupled with the second antenna, that delays the signals received by the second antenna, and a combiner that combines the signals received by the first antenna and the delayed signals received by the second antenna. A baseband circuit processes the combined signals, and dynamically updates the delay applied by the delay block, and determines a delay spread for the signals received by the first antenna and dynamically updates the delay applied by the delay block to the signals received by the second antenna based on the delay spread determined for the signals received by the first antenna.--